

Annual Review of SCIP Initiatives and PSIC Office Projects

Presented to the Public Safety Communications Advisory Commission

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Public Safety Interoperable
Communications Office

Governance



- Strategic Initiative 1: Expand and Implement Interoperable Communications Governance Model and Plan
 - 1) Conduct an annual review and update the SCIP as needed
 - 2) Continue to develop the relationship between and among statewide governance entities and evolving regional and local governance entities
- Key Projects:
 - Annual SCIP Revision
 - Advocacy of governance for interoperability at the regional level
 - Appointment of New Commissioners
 - Annual Office Plan Update

Governance (cont.)



- Strategic Initiative 2: Develop Regional Communications Governance Structures
 - 1) Develop TICPs and expand the utilization of CASM
 - 2) Support tactical communications planning among federal, state, local, and tribal governments at the regional interstate level (NECP milestone)
- Key Projects:
 - Development of TICP's
 - » 2011: Mohave & Cochise
 - » 2012: Arizona Central Region, Coconino, La Paz, Yuma
 - » Upcoming: Apache, Navajo, Santa Cruz, East Region
 - Strategic Planning – RWC-TRWC Strategic Communications Plan (Under development)

Governance (cont.)



- Key Projects (cont.):

- Communications Assets Survey Mapping Tool (CASM) Update Project:
 - » Requesting additional CASM data from non-participating agencies (agencies who did not provide data during the Goal Two process)
 - » Requesting verification / data updates from all agencies with data currently in CASM
 - » At present, data from 361 agencies has been loaded into CASM
- PSIC took over responsibility for Primary Administrative Manager of CASM in November, 2011
- Development and Issuance of an RFQ for TICP / SCMP Facilitation services. (Award pending)

Governance (cont.)



- Strategic Initiative 3: Implement a Strategy for Supporting National Level Goals Applicable to Regional, State, Local and Tribal Interoperable Communications
 - 1) Promote compliance with state, local and tribal objectives and milestones as listed in the NECP
 - 2) Support assessment/demonstration of NECP goals at the state, local, and tribal level
 - 3) Support implementation of FEMA and OEC initiatives
 - 4) Promote compliance with evolving national public safety broadband standards and structures
 - 5) Support narrowbanding in compliance with FCC mandates

Governance (cont.)



- Key Projects:

- NECP Goal Two Assessments, Reporting, and Gap Closure
 - » [NECP Goal Two Results - Statewide Summary](#)
 - » [Arizona Compendium of Findings and Recommendations from National Emergency Communications Plan \(NECP\) Goal 2](#)
- Workshop on Continuity of Operations Plans (COOP) For PSAPs, Dispatch & Communication Center
- Multiple Workshops on Integrating Communications Units Into the NIMS / ICS Structure
- Narrowbanding Outreach to all Stakeholders and FCC License Database
- Statewide Narrowbanding Survey

PSPs & SOPs



- Strategic Initiative 4: Establish a PSP Framework, and Implement PSPs, Including SOPs, for Statewide Interoperable Communications Solutions
 - 1) Develop a statewide interoperable communications PSP Framework
 - 2) Develop consistent interoperable communications SOPs and SOP templates
 - 3) Implement developed SOPs statewide
 - 4) Implement technical solutions to comply with established statewide PSPs
 - 5) Develop a statewide public safety broadband integration/implementation strategy and related standards
 - 6) Promote the use of plain language and decrease dependence on the use of coded substitutions (NECP milestone)

PSPs & SOPs (cont.)



- Key Projects:

- Arizona Public Safety Broadband - Strategy & Standards Development
- Statewide Interoperable Communications Policies, Standards and Procedures:
 - » VHF Minimum Equipment Standards
 - » UHF Minimum Equipment Standards
 - » Arizona Interagency Radio System (AIRS) State Plan - Standard Operating Procedures
 - » AIRS Memorandum of Understanding (MOU)
 - » AIRS Improvement and Sustainability Plan (Under Development)
 - » Arizona Interoperable Channels Plan and Priority Programming Guide
 - » Arizona Communications Unit Training Coordination Procedure
 - » Communications Unit Leader (COML) Standards
 - » NIMS Communications Unit Workgroup (NIMS-CU)
- Regional Communication Systems Connections (RCSC)

Technology



- Strategic Initiative 5: Enhance and Promote the AIRS Interoperable Communications Solution
 - 1) Provide enhanced AIRS coverage in areas requiring additional support
 - 2) Develop and Implement a Next Generation AIRS Plan
- Key Projects:
 - AIRS build-out is complete:
 - » 35 Sites provide coverage to all 15 counties
 - » Semi-permanent fly-away suite located in Havasupai
 - » 3 Mobile Suites
 - 1 DPS Communications Trailer
 - 2 DPS Fly-Away
 - » State EOC connected to AIRS via Microwave Link
 - Governance of the system has been formalized (AIRS MOU, AIRS SOP)
 - AIRS Training Program Developed including a Video, Presentation, and Lesson Plan
 - AIRS Narrowbanding: All AIRS Suites are now narrowband compliant
 - Drive Test of AIRS Conducted December 5-10, 2011
 - [SIEC Recommendations in Response to DPS Request for Input on MOU Policy for NGO access to AIRS](#)

Technology (cont.)



- Strategic Initiative 6: Implement, Enhance and Promote Functional Regional Systems in Support of Interoperable Communications
 - 1) Encourage partnerships in regional shared systems
 - 2) Support the development of new regional shared systems
 - 3) Provide enhancements to existing regional shared systems
 - 4) Develop interoperability connections between regional shared systems
 - 5) Develop regional strategic technology assets and other communications redundancies
 - 6) Program national interoperability channels into emergency responder radios (NECP milestone)

Technology (cont.)



- Key Projects:

- Regional Communications Systems Connection (RCSC) Project Status:
 - » Executive summary and technical timeline – complete
 - » Multi-agency IGA – all agencies have approved the IGA
 - » Multi-agency SOP – complete
 - » Pilot test with DPS and YRCS – complete and successful
 - » Deployment Schedule – to be developed
- Border Interoperability Demonstration Project (BIDP) Monitoring & Support
- TA Support/Execution

Technology (cont.)



- Strategic Initiative 7: Upgrade the Statewide Microwave Backbone Infrastructure to Digital Technology
 - 1) Complete the Microwave Southern Loop Connectivity (2010 - Complete)
 - 2) Complete the Microwave Southwestern Loop Connectivity (subject to funding availability)
 - 3) Complete the Microwave Northwestern Loop Connectivity (subject to funding availability)
 - 4) Complete the Microwave Northern Loop Connectivity (subject to funding availability)
- Key Projects:
 - DPS/WSB will provide updates on the Microwave Digital Upgrade project and other DPS projects at the September meeting.

Technology (cont.)



- Strategic Initiative 8: Implement the State Strategic Technology Reserve (STR)
 - 1) Pre-position and secure mobile interoperable communications assets for immediate deployment to impacted areas statewide in an emergency or major disaster
 - 2) Provide redundant communications assets which can reconstitute basic public safety/service communications in the event of a catastrophic communication failure
 - 3) Augment COG capabilities by providing a reserve of communications assets to government officials
 - 4) Define alternate/backup capabilities in ECPs (NECP milestone)
- Key Projects:
 - State STR project complete. Assets being documented in TICPs and Statewide TICIP Appendix.
 - Mobile interoperable communications assets successfully used during multiple NECP Goal Two events.
 - ADEM will provide updates on the STR and other projects at a future meeting.

Technology (cont.)



- Strategic Initiative 9: Upgrade Operable Communication Systems for State Agencies in Support of Interoperable Communications
 - 1) Develop a plan to provide State Agency Users with continued access to operable public safety/service LMR communications in support of statewide interoperability
 - 2) Implement immediate solutions to enhance operable communication systems for State Agency Users in support of interoperable communications
 - 3) Implement upgrades to operable communication systems for State Agency Users in support of interoperable communications
- Key Projects:
 - All State agencies implementing Narrowbanding plans.
 - RICO Project
 - » Five of six sites have been activated.
 - » System Upgrade has been completed.
 - » A Memorandum of Understanding (MOU) and a draft Standard Operating Procedure (SOP) for identified agencies to utilize the System-Wide Calling Channel have been developed.
 - DPS/WSB will provide updates at the September meeting.

Training & Exercise



- Strategic Initiative 10: Develop and Implement a Training Plan to Address Interoperable Communications
 - 1) Develop regional multi-year communications-focused T&EPs
 - 2) Develop a statewide multi-year communications-focused T&EP
 - 3) Implement AIRS training statewide
 - 4) Implement the COML Training and Recognition Program and develop Arizona based federally approved COML instructors
 - 5) Implement a COMT Training Program and determine a credentialing protocol
- Strategic Initiative 11: Develop and Implement a Strategy for Exercises Focused on or Incorporating Interoperable Communications
 - 1) Develop regional multi-year communications-focused T&EPs
 - 2) Develop a statewide multi-year communications-focused T&EP
 - 3) Conduct exercises focused on or incorporating interoperable communications

Training & Exercise (cont.)



- Key Projects:

- Arizona Communications Unit Recognition Program fully Underway
 - » [Arizona Regional All-Hazards COML Resource List](#): 15 Individuals Recognized
 - » Annual review and revisions to the Recognition Program policies and procedures are in process
 - » Program being expanded to include other communications unit positions
 - » Numerous resources developed and added to the azpsic.gov website
- COML Field Day
 - » RFQ Developed
 - » Due to procurement delays the field day has been postponed.
- Communications Unit Training
 - » 6 COML Courses – 74 Students (192 since 2009)
 - » 2 COMT Courses – 33 Students
 - » 8 OEC Approved COML Instructors in AZ
- AIRS Training Program Developed including a Video, Presentation, and Lesson Plan

Usage & Outreach



- Strategic Initiative 12: Create and Implement an Education and Outreach Plan in Support of Interoperable Communications
 - 1) Develop and implement a statewide Education and Outreach Plan in support of interoperable communications that describes the plan for encouraging collaboration and educating policy makers and practitioners
 - 2) Provide outreach to all stakeholders regarding NECP requirements and timelines
 - 3) Provide outreach to all stakeholders regarding interoperable communications channels
 - 4) Provide outreach to all stakeholders regarding FCC narrowbanding requirements and timelines
- Key Projects:
 - Statewide Outreach Plan Annual Update - Underway
 - Attending Key Statewide and National Conferences & Meetings
 - Narrowbanding: As of July 15, 2012, 84.4% of Arizona transmitter licenses have been modified to be Narrowband only or Narrowband & Wideband. Currently, 15.6% of licenses are wideband only - 5.9% decrease since May 7.



Discussion / Questions

Thank You!

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